






PHTHALAZINE DERIVATIVES PHOSPHODIESTERASE 4 INHIBITORS**Patent number:** WO9932456**Publication date:** 1999-07-01**Inventor:** NAPOLETANO MAURO (IT); NORCINI GABRIELE (IT); BOTTA DANIELA (IT); GRANCINI GIANCARLO (IT); MORAZZONI GABRIELE (IT); SANTANGELO FRANCESCO (IT); SIRO HERRERO JORGE G (ES); GARCIA NAVIO JOSE LUIS (ES); ALVAREZ-BUILLA JULIO G (ES)**Applicant:** ZAMBON SPA (IT); NAPOLETANO MAURO (IT); NORCINI GABRIELE (IT); BOTTA DANIELA (IT); GRANCINI GIANCARLO (IT); MORAZZONI GABRIELE (IT); SANTANGELO FRANCESCO (IT); SIRO HERRERO JORGE G (ES); GARCIA NAVIO JOSE LUIS (ES); ALVAREZ BUILLA JULIO G (ES)**Classification:****- international:** C07D237/30; C07D237/34; C08D401/06; C07D401/12; C07D405/12; A61K31/50**- european:** C07D237/30; C07D237/34; C07D401/06; C07D401/12; C07D405/12**Application number:** WO1998EP08291 19981217**Priority number(s):** IT1997MI02806 19971219**Also published as:** EP1042300 (A1)
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 DE69821650T (T)
 DE69821650D (T)**Cited documents:** FR2468593**Report a data error he****Abstract of WO9932456**

Compounds of formula (I) wherein B is alkylene, amino, CONH or a bond; Cy is optionally substituted phenyl or heteroaryl; R is H, phenyl or (C1-4)alkyl optionally substituted; R1 is (C1-6)alkyl or polyfluoro (C1-6)-alkyl; R2 is (C4-7)cycloalkyl optionally containing an oxygen atom and optionally substituted; and the N}O derivatives and pharmaceutically acceptable salt thereof are PDE 4 and TNF alpha inhibitors.

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